

PROJECT TITLE : CIGARETTE DEVELOPMENT
TECHNICAL REPORT
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PERIOD COVERED : October 1st - 24th 1980

A R E A I I I
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I T A L Y

307 QUEEN

Format : 7.35 / 25 / 97.5 mm
TAR : 12 mg
SN : 0.6 mg

The analyses of the MED 080 blend (IT 0230701NNL) showed a significant difference in total alkaloids (TA) (1.65 % instead of 1.21 % for prototype W6). Therefore three new blend formulae have been established in order to reach the objectives.

Blend 1 (MED 080 modified)

MAA 004 with 7.3 % of stems instead of 7.3 % of Esther

Blend 2 (MAA standard)

MAA 004 with 7.3 % of Esther

Blend 3 (Sample 39)

MAA 004 without Esther

These three blends gave the following analytical results :

	TA (%)	SN(mg/cig.)	TAR (mg/cig.)	Weight at 12 % MC (mg/cig.)
Blend 1	1.39	0.83	11.80	801
Blend 2	1.27	0.61	10.00	763
Blend 3	1.45	0.83	11.78	795

Prototypes made with blend 2 (MAA standard) achieve the analytical objectives of the project according to the prototype W6.

W. Tschudin will transmit to PM Holland the necessary instructions to start the first production.

380 GAMMA 100'S

The analytical results of the first two prototypes correspond to those of the GAMMA prototypes.

Prototype No	1 P	2 P
TAR mg/cig.	4.5	6.8
SN mg/cig.	0.4	0.6
CO mg/cig.	5.9	7.9
NO mg/cig.	0.11	0.15
Puff count	11.4	11.2

The results of the taste evaluation will be available within two weeks.

257 LOS ANGELES

The prototypes made with the Pela 200, Pela 170 and Pela 150 cigarette papers have been analysed.

The difference in tar of 0.6 mg between the Pela 200 and the Pela 170 is not significant.

Taste evaluation will be effected during week 44.

P A N E U R O P E

350 PETER PAN

Diluted L & M

A prototype (12P) has been produced with a 4 M. 0.11 . 6.5 tipping paper from Malaucène. Analytical results correspond to those of prototype 8 (ref. report of R. Hirsbrunner dated March 21st 1980).

Prototype	8	12 P
TAR mg/cig.	14.4	14.7
SN mg/cig.	1.21	1.22
CO mg/cig.	13.6	13.8
NO mg/cig.	0.26	0.27
Puff count	9.5	9.4
Tipping	Z3/60	4 m. 0.11 . 6.5

Prototype 12P will be taste evaluated.

389 KAMIKAZE

Different prototypes have been produced with Barclay filters, PMS and FLL cigarette rods.

The dilution of the Barclay system has been evaluated with a kind of spirometer specially made by T. Piko (see monthly report of T. Piko : Kamikaze).

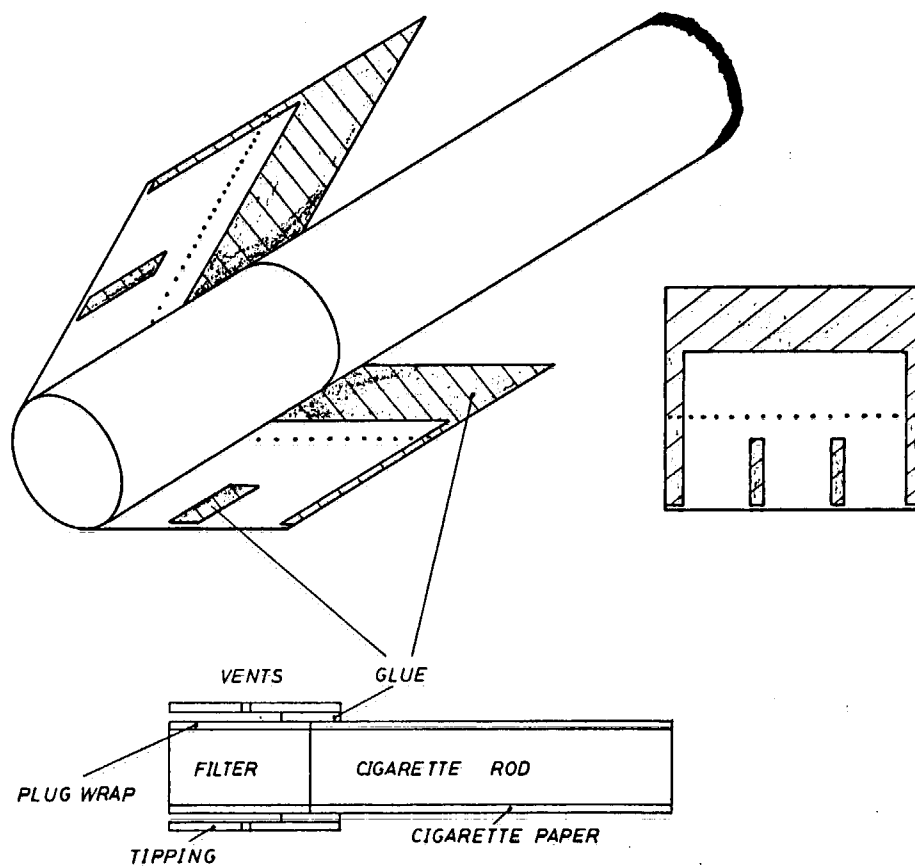
A trial with US filters has been carried out on the Manuela machine. Results are negative because of the too low substances of the available papers.

A new gluing applicator has been ordered from the firm Chappuis (enclosure 1) which should give a higher dilution level than the old one (14.5 % on MLF with micro-laser 4 M. 0.3 . 3.5, prototype 2P).



R. Toimil

October 31st 1980 / RAT / cap



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